301 Confirmation (Ocean)

Functional Group ID=RO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Confirmation (Ocean) Transaction Set (301) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary for an ocean carrier to confirm space, container, and equipment availability in response to the Reservation (Booking Request) (Ocean) Transaction Set (300); or to notify other parties such as terminal operators or other ocean carriers.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	B1	Beginning Segment for Booking or Pick -up/Delivery	M	1		
Not Used	025	G61	Contact	O	3		
Not Used	030	Y6	Authentication	O	2		
Must Use	040	Y3	Space Confirmation	M	1		
			LOOP ID - Y4			10	
	050	Y4	Container Release	O	1		
	051	W09	Equipment and Temperature	O	1		
	054	N9	Reference Identification	O	100		
Not Used	055	R2A	Route Information with Preference	O	25		
			LOOP ID - N1			4	
Not Used	060	N1	Name	O	1		
Not Used	070	N2	Additional Name Information	O	1		
Not Used	080	N3	Address Information	O	2		
Not Used	090	N4	Geographic Location	O	1		
Not Used	100	G61	Contact	O	3		
			LOOP ID - R4			20	
Must Use	110	R4	Port	M	1		
Not Used	120	DTM	Date/Time Reference	O	15		
Not Used	130	W09	Equipment and Temperature	O	1		
Not Used	140	H3	Special Handling Instructions	O	6		
Not Used	150	EA	Equipment Attributes	O	5		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LX			999	
Must Use	010	LX	Assigned Number	M	1		

	020	N7	Equipment Details	O	1		
Not Used	021	W09	Equipment and Temperature	O	1		
	030	K1	Remarks	O	10		
Not Used	040	L0	Line Item - Quantity and Weight	O	1		
Not Used	050	L5	Description, Marks and Numbers	O	1		
Not Used	055	L4	Measurement	O	1		
			LOOP ID - H1			10	
Not Used	060	H1	Hazardous Material	O	1		
Not Used	070	H2	Additional Hazardous Material Description	O	10		
	080	V1	Vessel Identification	O	2		
Not Used	090	V9	Event Detail	O	10		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	SE	Transaction Set Trailer	M	1		

Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: **1** The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 301 X12.109 Confirmation (Ocean)	**M ID 3/3**
Must Use	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M AN 4/9**

Segment: **B1** **Beginning Segment for Booking or Pick-up/Delivery**
Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:
Semantic Notes:
1 B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.
2 B103 is the booking date accepted by the carrier.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**B101**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code ***Enter in the Ocean Carrier SCAC.***	**O**	**ID 2/4**
Must Use	**B102**	**145**	**Shipment Identification Number** Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters) ***Enter in the Port Call File Number (PCFN).***	**M**	**AN 1/30**
Not Used	**B103**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
Must Use	**B104**	**558**	**Reservation Action Code** Code identifying action on reservation or offering A Reservation Accepted C Counter Proposal Made A counter proposal made by a commercial ocean carrier can ONLY be made for the vessel and port. D Reservation Cancelled	**O**	**ID 1/1**

Segment: **Y3** **Space Confirmation**
Position: 040
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To specify confirmation information for space booking including numbers, dates, and load time
Syntax Notes: **1** If Y309 is present, then Y308 is required.
Semantic Notes: **1** Y303 is the date of departure of the vessel.
2 Y304 is the estimated arrival date at the port of discharge.
3 Y307 is the required pier date.
4 Y308 is the load time.
5 Y311 is the time zone which the time reflects.
Comments: **1** If space is available, all of the conditional data elements in segment Y3 are required. If the requested space is not available, Y301 is the booking number 'decline'.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**Y301**	**13**	**Booking Number** Number assigned by the carrier for space reservation ***If the reservation is being cancelled, ie B104=D, then enter the word "Declined" in the Y301.***	**M**	**AN 1/17**
Not Used	**Y302**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**
	Y303	**373**	**Date** Date (YYMMDD) ***Enter in the sail date at the Port of Embarkation.***	**O**	**DT 6/6**
	Y304	**373**	**Date** Date (YYMMDD) ***Enter in the arrival date at the Port of Debarkation.***	**O**	**DT 6/6**
Not Used	**Y305**	**154**	**Standard Point Location Code** Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city	**O**	**ID 6/9**
Not Used	**Y306**	**112**	**Pier Name** Free-form name of the pier	**O**	**AN 2/14**
Not Used	**Y307**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
	Y308	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,	**X**	**TM 4/8**

			or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) ***If B104=A or C, then Y308 is mandatory. If time is not know, enter "0000".***		
Not Used	**Y309**	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment	**O**	**ID 1/2**
Not Used	**Y310**	**375**	**Tariff Service Code** Code specifying the types of services for rating purposes	**O**	**ID 2/2**
Not Used	**Y311**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O**	**ID 2/2**

Segment: **Y4** **Container Release**
Position: 050
Loop: Y4 Optional
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To transmit information relative to containers available for release
Syntax Notes: **1** If either Y408 or Y409 is present, then the other is required.
Semantic Notes: **1** Y401 is used for the first booking number and Y402 for the last booking number in a range of numbers. If only one booking number is used, Y402 is omitted.
2 Y403 is the date of container availablity for pickup.
3 Y404 is the Standard Point Location Code (SPLC) of the container pick-up location.
4 Y407 identifies the carrier to whom containers will be released, if known.
Comments:
Notes: ***This Data Element is only used for Containerized cargo, NOT breakbulk.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**Y401**	**13**	**Booking Number** Number assigned by the carrier for space reservation	**O**	**AN 1/17**
Not Used	**Y402**	**13**	**Booking Number** Number assigned by the carrier for space reservation	**O**	**AN 1/17**
Not Used	**Y403**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
Not Used	**Y404**	**154**	**Standard Point Location Code** Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city	**O**	**ID 6/9**
	Y405	**95**	**Number of Containers** Number of shipping containers	**O**	**N0 1/4**
	Y406	**24**	**Equipment Type** Code identifying equipment type ***Enter in the ISO Standard Codes.***	**O**	**ID 4/4**

2000	20 X 8 Dry Van
2020	20 X 8 Insulated/Vented
2032	20 X 8 Reefer/heated
2050	20 X 8 Open Top
2052	20 X 8 Open Top, Open Side
2080	20 X 8 Dry Bulk
2150	20 X 8 Open Top

2160	20 X 8 Flat
2163	20 X 8 Flat, Collapsible
2200	20 X 8.6 Dry Van
2210	20 X 8.6 Dry Van
2213	20 X 8.6 Dry Van
2220	20 X 8.6 Insulated/vented
2232	20 X 8.6 Reefer/heated
2250	20 X 8.6 Open Top
2251	20 X 8.6 Open Top, Remov. end frms
2252	20 X 8.6 Open Top, Open Side
2253	20 X 8.6 Open Top, Open Side/remv. member
2260	20 X 8.6 Flat
2261	20 x 8.6 Flat, Fixed End Frms
2263	20 X 8.6 Flat, Collapsible
2270	20 X 8.6 Tank
2280	20 X 8.6 Dry Bulk
2432	20 X 9 Reefer/heated
2500	20 X 9.6 Dry Van
2600	20 X 4.3 Dry Van
4000	40 X 8 Dry Van
4020	40 X 8 Insulated/vented
4050	40 X 8 Open Top
4060	40 X 8 Flat
4132	40 X 8 Reefer/heated
4170	40 X 8 Tank
4260	40 X 8.6 Flat
4263	40 X 8.6 Flat, Collapsible
4300	40 X 8.6 Dry Van
4301	40 X 8.6 Dry Van
4305	40 X 8.6 Dry Van
4310	40 X 8.6 Dry Van
4320	40 X 8.6 Insulated/vented
4332	40 X 8.6 Reefer/heated
4350	40 X 8.6 Open Top
4351	40 X 8.6 Open Top, Remov. end frms
4360	40 X 8.6 Flat
4361	40 X 8.6 Flat, Fixed end frms
4363	40 X 8.6 Flat, Collapsible
4370	40 X 8.6 Tank
4400	40 X 9 Dry Van
4420	40 X 9 Insulated/vented

			4426	40 X 9 Insulated/vented	
			4432	40 X 9 Reefer/heated	
			4500	40 X 9.6 Dry Van	
			4510	40 X 9.6 Dry Van	
			4511	40 X 9.6 Dry Van	
			4531	40 X 9 Reefer	
			4532	40 X 9 Reefer/heated	
			4599	40 X 9 Special	
			4650	40 X 4.3 Open Top	
			4699	40 X 4.3 Special	
			4960	40 X 4 Platform	
			8500	35 X 8.6 Dry van	
			8520	35 X 8.6 Insulated/vented	
			8532	35 X 8.6 Reefer/heated	
			8550	35 X 8.6 Open Top	
			8599	35 X 8.6 Special	
			8770	35 X 4.3 Tank	
			9200	45 X 8.6 Dry Van	
			9400	45 X 9.6 Dry Van	
			9500	45 X 9.6 Dry Van	
			9510	45 X 9.6 Dry Van	
			9532	45 X 9.6 Reefer/heated	
Not Used	**Y407**	**140**	**Standard Carrier Alpha Code**		**O** **ID 2/4**
			Standard Carrier Alpha Code		
Not Used	**Y408**	**309**	**Location Qualifier**		**X** **ID 1/2**
			Code identifying type of location		
Not Used	**Y409**	**310**	**Location Identifier**		**X** **AN 1/30**
			Code which identifies a specific location		
Not Used	**Y410**	**56**	**Type of Service Code**		**O** **ID 2/2**
			Code specifying extent of transportation service requested		

Segment: **W09** **Equipment and Temperature**
Position: 051
Loop: Y4 Optional
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To relate equipment type and required temperatures
Syntax Notes:
1 If either W0902 or W0903 is present, then the other is required.
2 If either W0904 or W0905 is present, then the other is required.
Semantic Notes:
1 W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
2 W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
3 W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.
4 W0908 is the humidity percentage.
5 W0909 is the number of air exchanges per hour.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**W0901**	**40**	**Equipment Description Code** Code identifying type of equipment used for shipment CZ Refrigerated Container	**M ID 2/2**
	W0902	**408**	**Temperature** Temperature ***Enter in the minimum temperature.***	**X R 1/4**
	W0903	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken FA Fahrenheit	**X ID 2/2**
	W0904	**408**	**Temperature** Temperature ***Enter in the maximum temperature.***	**X R 1/4**
	W0905	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken FA Fahrenheit	**X ID 2/2**
Not Used	**W0906**	**3**	**Free Form Message** Free-form text	**O AN 1/60**
Not Used	**W0907**	**1122**	**Vent Setting Code** Code describing the setting on the air vents on ocean-type containers	**O ID 1/1**

Not Used	**W0908**	**488**	**Percent** Percent expressed as 0 to 100	**O**	**N0 1/3**
Not Used	**W0909**	**380**	**Quantity** Numeric value of quantity	**O**	**R 1/15**

Segment: **N9** **Reference Identification**
Position: 054
Loop:
Level: Heading:
Usage: Optional
Max Use: 100
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: ***The information in this data segment, like the TS 300, is for Containerized Cargo. The following Data Elements pertain to the SeaVan. Based upon agreed values in the N901, the N9 segment will be repeated 6 times.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 2E Foreign Military Sales Case Number A reference number designating the foreign military sale records 2I Tracking Number CT Contract Number TG Transportation Control Number (TCN) TH Transportation Account Code (TAC) V3 Voyage Number If B104=D, there will be no voyage number. However if B104= A or C, transmitting a V3 along with a voyage number is very important.	**M ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***When N901=V3, enter the Military Voyage Number. If this is a counter, the Ocean Carrier enters the commercial voyage number they are countering with.*** ***When N901=TG, enter SeaVan TCN only.*** ***When N901=CT, enter in the Government Contract Number.***	**X AN 1/30**

			When N901=2E, enter in the Foreign Military Sales Case Number. ***When N901=TH, enter in the Transportation Account Code.*** ***When N901=2I, enter in the Project Code.***		
Not Used	**N903**	**369**	**Free-form Description** Free-form descriptive text	**X**	**AN 1/45**
Not Used	**N904**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
Not Used	**N905**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X**	**TM 4/8**
Not Used	**N906**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O**	**ID 2/2**
Not Used	**N907**	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**	
Not Used	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M**	**ID 2/3**
Not Used	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M**	**AN 1/30**
Not Used	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
Not Used	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**C04006**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**

Segment: **R4** **Port**
Position: 110
Loop: R4 Mandatory
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: Contractual or operational port or point relevant to the movement of the cargo
Syntax Notes: **1** If either R402 or R403 is present, then the other is required.
Semantic Notes:
Comments: **1** R4 is required for each port to be identified.
Notes: ***The information in this Data Segment should be the same as that transmitted in the TS 300. There should be an R4 loop for the POD and POE.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**R401**	**115**	**Port Function Code**	**M ID 1/1**
			Code defining function performed at the port with respect to a shipment	
			D Port of Discharge (Operational) Port at which cargo is unloaded from vessel As in the TS 300 R4, this value confirms where the cargo is unloaded from the vessel.	
			E Place of Delivery (Contractual) Place at which cargo leaves its care and custody of carrier	
			J Bill of Lading Port of Loading (Contractual) Place at which cargo is loaded on board the means of transport	
			K Bill of Lading Port of Discharge (Contractual) Place at which cargo is discharged from means of transport	
			L Port of Loading (Operational) Port at which cargo is loaded on vessel As in the TS 300, this value confirms the port at which the cargo will be loaded onto the vessel.	
			R Place of Receipt (Contractual) Place at which cargo enters the care and custody of carrier	
	R402	**309**	**Location Qualifier**	**X ID 1/2**
			Code identifying type of location	
			D Census Schedule D	
			K Census Schedule K	
	R403	**310**	**Location Identifier**	**X AN 1/30**

			Code which identifies a specific location ***This is the Port/Census code.***		
	R404	**114**	**Port Name** Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property	**O**	**AN 2/24**
Not Used	**R405**	**26**	**Country Code** Code identifying the country	**O**	**ID 2/3**
Not Used	**R406**	**174**	**Terminal Name** Free-form field for terminal name	**O**	**AN 2/30**
Not Used	**R407**	**113**	**Pier Number** Identifying number for the pier	**O**	**AN 1/4**
Not Used	**R408**	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**

Segment: **LX** **Assigned Number**
Position: 010
Loop: LX Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LX01**	**554**	**Assigned Number** Number assigned for differentiation within a transaction set ***Enter in the Contract Line Number (CLIN).***	**M N0 1/6**

Segment: **N7** **Equipment Details**
Position: 020
Loop: LX Mandatory
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To identify the equipment
Syntax Notes: **1** If N703 is present, then N704 is required.
2 If either N705 or N716 is present, then the other is required.
3 If either N708 or N709 is present, then the other is required.
Semantic Notes: **1** N712 is the owner of the equipment.
2 N723 is the operator or carrier of the rights of the equipment.
Comments: **1** N701 is mandatory for rail transactions.
2 N720 and N721 are expressed in inches.
Notes: ***This data segment is to be used as an exception to the ISO standards in the "Y4" segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N701**	**206**	**Equipment Initial** Prefix or alphabetic part of an equipment unit's identifying number ***This data element is optional in the X.12 standards, unless used with railroads. Some of the Ocean Carriers have their own rail roads, or vice versa, consequently they requested since they used this TS with the rail roads that it be included in the IC. Because it is mandatory in the IC, if it is not necessary, enter in "ZZZZ" as a place holder.***	**O**	**AN 1/4**
Must Use	**N702**	**207**	**Equipment Number** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) ***Enter in the actual number or a value of "0000000".***	**M**	**AN 1/10**
Not Used	**N703**	**81**	**Weight** Numeric value of weight	**O**	**R 1/10**
Not Used	**N704**	**187**	**Weight Qualifier** Code defining the type of weight	**X**	**ID 1/2**
Not Used	**N705**	**167**	**Tare Weight** Weight of the equipment	**X**	**N0 3/8**
Not Used	**N706**	**232**	**Weight Allowance** Allowance made for increased weight due to such factors as snow	**O**	**N0 2/6**
Not Used	**N707**	**205**	**Dunnage** Weight of material used to protect lading (even bracings, false floors, etc.)	**O**	**N0 1/6**
Not Used	**N708**	**183**	**Volume** Value of volumetric measure	**X**	**R 1/8**

Not Used	**N709**	**184**	**Volume Unit Qualifier**	**X**	**ID 1/1**
			Code identifying the volume unit		
Not Used	**N710**	**102**	**Ownership Code**	**O**	**ID 1/1**
			Code indicating the relationship of equipment to carrier or ownership of equipment		
Must Use	**N711**	**40**	**Equipment Description Code**	**O**	**ID 2/2**
			Code identifying type of equipment used for shipment		

AC	Closed Container
AT	Closed Container (Controlled Temperature)
BC	Covered Barge
BK	Container, Bulk
BO	Barge Open
BR	Barge
CC	Container resting on a Chassis
CG	Container, Tank (Gas)
CI	Container, Insulated
CJ	Container, Insulated/Ventilated
CL	Container (Closed Top - Length Unspecified)
CM	Container, Open-Sided
CN	Container
CQ	Container, Tank (Food Grade-Liquid)
CS	Container-Low Side Open Top
CU	Container (Open Top - Length Unspecified)
CV	Closed Van
CW	Container, Tank (Chemicals)
CX	Container, Tank
CZ	Refrigerated Container
DT	Drop Back Trailer
FH	Flat Bed Trailer with Headboards
FN	Flat Bed Trailer with No Headboards
FR	Flat Bed Trailer - Removable Sides
FT	Flat Bed Trailer
HB	Container with Hangar Bars
	Container must be equipped with hangar beams/bars for garment shipments
HV	High Cube Van
IX	Boxcar (Insulated)
LS	Half Height Flat Rack
OT	Open-top/flatbed trailer
OV	Open Top Van
PL	Container, Platform

			RA	Fixed-Rack, Flat-Bed Trailer A flatbed trailer with an A-frame	
			RC	Refrigerated (Reefer) Car	
			RD	Fixed-Rack, Double Drop Trailer A double-drop, flatbed with an A-frame	
			RE	Flat Car (End Bulkheads)	
			RF	Flat Car	
			RR	Rail Car	
			RS	Fixed-Rack, Single-Drop Trailer A single-drop, flatbed with an A-frame	
			RT	Controlled Temperature Trailer (Reefer)	
			SD	Single-Drop Trailer A flatbed trailer with one drop deck	
			SL	Container, Steel Container must be made of steel	
			SS	Container with Smooth Sides Walls in ocean container must be flat/smooth	
			ST	Removable Side Trailer	
			TA	Trailer, Heated/Insulated/Ventilated	
			TC	Trailer, Car	
			TF	Trailer, Dry Freight	
			TI	Trailer, Insulated	
			TL	Trailer (not otherwise specified)	
			TM	Trailer, Insulated/Ventilated	
			TW	Trailer, Refrigerated A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature	
			VA	Container, Vented Dry container must have vent openings for air exchange	

Not Used	**N712**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**
Not Used	**N713**	**319**	**Temperature Control** Free-form abbreviation of temperature range or flash-point temperature	**O**	**AN 3/6**
Not Used	**N714**	**219**	**Position** Relative position of shipment in car, trailer, or container (mutually defined)	**O**	**AN 1/3**
	N715	**567**	**Equipment Length** Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)	**O**	**N0 4/5**

			Enter the length (in feet and inches) of equipment ordered or used to transport shipment. (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)		
Not Used	**N716**	**571**	**Tare Qualifier Code** Code identifying the type of tare	**X**	**ID 1/1**
Not Used	**N717**	**188**	**Weight Unit Code** Code specifying the weight unit	**O**	**ID 1/1**
Not Used	**N718**	**761**	**Equipment Number Check Digit** Number which designates the check digit applied to a piece of equipment	**O**	**N0 1/1**
Not Used	**N719**	**56**	**Type of Service Code** Code specifying extent of transportation service requested	**O**	**ID 2/2**
	N720	**65**	**Height** Vertical dimension of an object measured when the object is in the upright position ***Enter in the vertical dimension of an object measured when the object is in the upright position.***	**O**	**R 1/8**
Not Used	**N721**	**189**	**Width** Shorter measurement of the two horizontal dimensions measured with the object in the upright position	**O**	**R 1/8**
Not Used	**N722**	**24**	**Equipment Type** Code identifying equipment type	**O**	**ID 4/4**
Not Used	**N723**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**
Not Used	**N724**	**301**	**Car Type Code** Code maintained by AAR to identify a type of rail car or intermodal equipment type and its general physical characteristics; when using fewer than four characters, the value must include all of the leading or high order characters	**O**	**ID 1/4**

Segment: **K1** **Remarks**
Position: 030
Loop: LX Mandatory
Level: Detail:
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**K101**	**61**	**Free-Form Message** Free-form information	**M**	**AN 1/30**
	K102	**61**	**Free-Form Message** Free-form information	**O**	**AN 1/30**

Segment: **V1** **Vessel Identification**
Position: 080
Loop:
Level: Detail:
Usage: Optional
Max Use: 2
Purpose: To provide vessel details and voyage number
Syntax Notes: **1** At least one of V101 or V102 is required.
2 If V108 is present, then V101 is required.
Semantic Notes: **1** V103 is the code identifying the country in which the ship (vessel) is registered.
2 V105 identifies the ocean carrier.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	V101	**597**	**Vessel Code** Code identifying vessel ***Enter in the Vessel International Call Sign (IRCS) or the LLoyd's Hull number. If the vessel is so small, ie ferry, barge, etc., such that it has neither then enter "ZZ". If a "ZZ" value is used in the V101, than a "Z" value will be more than likely to be entered into V108.***	**X**	**ID 1/7**
	V102	**182**	**Vessel Name** Name of ship as documented in "Lloyd's Register of Ships"	**X**	**AN 2/28**
	V103	**26**	**Country Code** Code identifying the country	**O**	**ID 2/3**
	V104	**55**	**Flight/Voyage Number** Identifying designator for the particular flight or voyage on which the cargo travels ***Enter in the commercial voyage number.***	**O**	**AN 2/10**
	V105	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code ***Enter the Operator SCAC.***	**O**	**ID 2/4**
Not Used	**V106**	**249**	**Vessel Requirement Code** Code specifying options for satisfying vessel requirements	**O**	**ID 1/1**
Not Used	**V107**	**854**	**Vessel Type Code** Code to determine type of vessel	**O**	**ID 2/2**
Must Use	**V108**	**897**	**Vessel Code Qualifier** Code specifying vessel code source C Ship's Radio Call Signal L Lloyd's Register of Shipping Z Mutually Defined	**O**	**ID 1/1**

If a "Z" value is used in the V108, than a "ZZ" value should be used in V101.

Not Used	**V109**	**91**	**Transportation Method/Type Code**	**O**	**ID 1/2**

Code specifying the method or type of transportation for the shipment

Segment: **SE** **Transaction Set Trailer**
Position: 010
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**N0 1/10**
Must Use	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN 4/9**